

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

1. (Previously presented) A method comprising:

storing in a terminal connection settings and network identifiers, wherein at least one network identifier of the stored network identifiers is associated with at least some alternative connection settings, the network identifier identifying a target network reachable by a connection from the terminal,

comparing, in the terminal, a current network identifier identifying a target network of a current connection of the terminal and associated with the currently applied at least one connection setting to the stored network identifiers associated with other available connection settings,

selecting at least one connection setting associated with the same network identifier as the network identifier associated with the currently applied at least one connection setting, and

carrying out a handover related function to continue providing access to the target network via a new access point by using the selected at least one connection setting.

2. (Previously presented) The method according to claim 1, wherein the network identifiers of the other available connection settings are checked in response to a need to arrange handover for the original connection based on the currently applied at least one connection setting.

3. (Previously presented) The method according to claim 2, wherein at least one available connection setting associated with a different network identifier than the one associated with the at least one currently applied connection setting is dropped, and

a handover algorithm is executed for the remaining connection settings.

4. (Previously presented) The method according to claim 1, wherein at least one available connection setting associated with a different network identifier than the one associated with the at least one currently applied connection setting is dropped, and
a handover algorithm is executed for the remaining connection settings.
5. (Previously presented) The method according to claim 1, wherein the network identifier associated with at least one connection setting is selected by a handover algorithm and is checked, and
handover is carried out using the selected at least one connection setting if the network identifier is the same as the network identifier associated with the currently applied at least one connection setting, or
at least one new connection setting is selected.
6. (Original) The method according to claim 1, wherein at least one network identifier is defined internally in the terminal and associated with at least one connection setting.
7. (Previously presented) The method according to claim 1, wherein the connection settings are grouped as alternative groups of connection settings such that at least one network identifier is associated with each group, the network identifiers of different groups are compared with the network identifier associated with the currently applied at least one connection setting and the group of connection settings associated with a network identifier that is the same as the network identifier associated with the currently applied at least one connection setting is selected for the new connection.
8. (Original) The method according to claim 1, wherein the at least one available connection setting is determined based on information received from the network.
9. (Currently amended) A wireless terminal comprising:

a memory including computer program code for storing connection settings and network identifiers, wherein at least one network identifier of the stored network identifiers is associated with at least some alternative connection settings, the network identifier identifying a target network reachable by a connection from the terminal, and

[[a]]at least one processor, the memory and the computer program code configured to, with the at least one processor, cause the terminal at least to

~~for comparing~~ compare a current network identifier identifying a target network of a current connection of the terminal and associated with the currently applied at least one connection setting to the stored network identifiers associated with other available connection settings, [[to]]

select at least one connection setting associated with the same network identifier as the network identifier associated with the currently applied at least one connection setting, and

~~for carrying~~ carry out a handover related function to continue providing access to the target network via a new access point by using the selected at least one connection setting.

10. (Previously presented) The terminal according to claim 9, wherein the processor checks the network identifiers of the other available connection settings in response to a need to arrange handover for the original connection based on the currently applied at least one connection setting.

11. (Previously presented) The terminal according to claim 10, wherein the processor drops at least one available connection setting associated with a different network identifier than the one associated with the at least one currently applied connection setting, and executes a handover algorithm for the remaining connection settings.

12. (Previously presented) The terminal according to claim 9, wherein the processor drops at least one available connection setting associated with a different network identifier than the one associated with the at least one currently applied connection setting, and

executes a handover algorithm for the remaining connection settings.

13. (Previously presented) The terminal according to claim 9, wherein the terminal is configured to check the network identifier associated with at least one connection setting selected by a handover algorithm, and

the terminal is configured to carry out the handover using the selected at least one connection setting if the network identifier is the same as the network identifier associated with the currently applied at least one connection setting, or

the terminal is configured to select at least one new connection setting.

14. (Original) The terminal according to claim 9, wherein the terminal is configured to define at least one network identifier internally and the terminal is configured to associate the network identifier with at least one connection setting.

15. (Original) The terminal according to claim 9, wherein the connection settings are grouped as alternative groups of connection settings, and at least one network identifier is associated with each group, whereby the terminal is configured to compare the network identifiers of different groups with the network identifier associated with the currently applied at least one connection setting, and

the terminal is configured to select for the new connection one of the groups having the same network identifier as associated with the currently applied at least one connection setting.

16. (Original) The terminal according to claim 9, wherein the terminal is configured to determine the available at least one connection setting based on information received from the network.

17. (Previously presented) A computer-readable medium, wherein said computer-readable medium comprises computer-executable instructions stored thereon for controlling a wireless terminal to:

store connection settings and network identifiers, wherein at least one network identifier of the stored network identifiers is associated with at least some alternative connection settings, the network identifier identifying a target network reachable by a connection from the terminal,

compare a current network identifier identifying a target network of a current connection of the terminal and associated with the currently applied at least one connection setting to the stored network identifiers associated with available other connection settings,

select at least one connection setting associated with the same network identifier as the network identifier associated with the currently applied at least one connection setting, and

carry out a handover related function to continue providing access to the target network via a new access point by using the selected at least one connection setting.

18. (Previously presented) The computer-readable medium according to claim 17, further comprising computer-executable instructions for checking the network identifiers of the other available connection settings in response to a need to arrange handover for the original connection based on the currently applied at least one connection setting.

19. (Currently amended) An apparatusA terminal comprising:

means for establishing access with a wireless network,

means for storing connection settings and network identifiers, wherein at least one network identifier of the stored network identifiers is associated with at least some alternative connection settings, the network identifier identifying a target network reachable by a connection from the terminal,

means for comparing a current network identifier identifying a target network of a current connection of the terminal and associated with the currently applied at least one

connection setting to the stored network identifiers associated with other available connection settings to select at least one connection setting associated with the same network identifier as the network identifier associated with the currently applied at least one connection setting, and

means for carrying out a handover related function to continue providing access to the target network via a new access point by using the selected at least one connection setting.

20. (Currently amended) The ~~apparatus~~terminal according to claim 19, comprising means for checking the network identifiers of the other available connection settings in response to a need to arrange handover for the original connection based on the currently applied at least one connection setting.

21. (New) The terminal according to claim 9, wherein the terminal is a multimode mobile station.

22. (New) The computer-readable medium according to claim 17, wherein the connection settings are grouped as alternative groups of connection settings such that at least one network identifier is associated with each group, and further comprising computer-executable instructions for comparing the network identifiers of different groups with the network identifier associated with the currently applied at least one connection setting and for selecting the group of connection settings associated with a network identifier that is the same as the network identifier associated with the currently applied at least one connection setting for the new connection.

23. (New) The terminal according to claim 19, wherein the connection settings are grouped as alternative groups of connection settings such that at least one network identifier is associated with each group, wherein the terminal is configured to compare the network identifiers of different groups with the network identifier associated with the currently

applied at least one connection setting and select the group of connection settings associated with a network identifier that is the same as the network identifier associated with the currently applied at least one connection setting for the new connection.